

# **TRI DELTA FERTILIZER, INC.**

## **MATERIAL SAFETY DATA SHEET**

### **I. PRODUCT IDENTIFICATION**

Trade name (as labeled): **Professional Turf 16-16-16 All purpose**

Chemical names, common: Muriate of Potash, Monoammonium Phosphate, Ammonium Sulphate, and Urea

Manufacturer's name: TRI DELTA FERTILIZER, INC

Address: 2829 W. Washington Street, Stockton, Ca 95203  
P.O. Box 759, Stockton, Ca 95201

EMERGENCY PHONE: 800-424-9300 CHEMTREC

Business Phone: (209) 942-0417 Date Prepared: 8/27/97

### **II. HAZARDOUS INGREDIENTS**

Chemical Names	CAS Number	Percent	Exposure Limit AGGIH(TLV) OSHA(PEL)
MURIATE OF POTASH	7447-40-7	26.70%	10mg/M <sup>3</sup>
MONOAMMONIUM PHOSPHATE	7722-70-1	30.75%	10mg/M <sup>3</sup>
AMMONIUM SULPHATE	7783-20-0	27.30%	10mg/M <sup>3</sup>
UREA	57-13-6	15.25%	10mg/M <sup>3</sup>

### **III. PHYSICAL PROPERTIES**

Bulk Density: 57 Lbs. per cubic foot  
Solubility in Water: Estimated 60% initial  
Appearance: Green and white pellets

### **IV. FIRE AND EXPLOSION**

Flash Point: NONFLAMMABLE  
Autoignition temperature: NA  
Fire extinguishing material: NA  
Special firefighting procedures: NONE  
Unusual fire and explosion hazards: NONE

### **V. HEALTH HAZARD INFORMATION**

#### **SYMPTOMS OF OVEREXPOSURE FOR EACH POTENTIAL ROUTE OF EXPOSURE:**

Inhalation: May cause irritation to mucous membrane which disappears after exposure ceases.  
Contact with skin or eyes: May cause skin irritation with prolonged exposure.  
Absorption: NA  
Swallowed: Oral Woman LDLO 800 mg/kg

#### **HEALTH EFFECTS OR RISKS FROM EXPOSURE:**

**ACUTE:** Acute intoxication is rare. Large doses usually result in vomiting and in the absence of pre-existing kidney damage, potassium is rapidly excreted. Overdoses will produce weakness, confusion, G.I. irritation, tingling of the skin, slow heart action, diarrhea, vomiting, and possible diuresis and systemic ammonia poisoning. Accidental ingestion not likely.

**CHRONIC:** Long term exposure to zinc compounds can result in damage to respiratory, urinary, blood, and reproductive systems.

#### **FIRST AID:**

Eye Contact: Irrigate eyes to remove dust and particles.  
Skin Contact: Wash all exposed areas with soap and water.

Inhaled: Remove person to fresh air supply.  
Swallowed: Drink milk or water to dissolve & rinse away and then induce vomiting.

**SUSPECTED CANCER AGENT? NO**

**MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE:** None known

**RECOMMENDATIONS TO PHYSICIAN:** Contact Chemtrec 800-424-9300